

NRG Delta LLC
Pittsburg Generating Station
696 West 10th Street
P.O. Box 192
Pittsburg, CA 94565

September 14, 2017

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street
Suite 600
San Francisco, CA 94105
Attn: Title V Reports

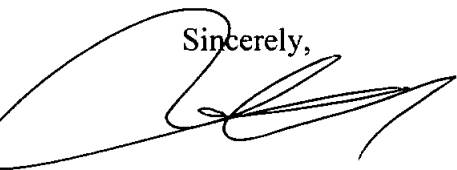
**Semi-Annual Title V Compliance Monitoring Report and Compliance Certification
Statement for NRG Delta LLC, Pittsburg Generating Station (Facility #A0012) for the
Period of March 1, 2017 through August 1, 2017**

Please find enclosed the Semi-Annual Title V Compliance Monitoring Report and Compliance Certification Statement for NRG Delta LLC, Pittsburg Generating Station (Facility #A0012) covering the period of March 1, 2017 through August 1, 2017. Please note that the Title V permit for Facility #A0012 has expired, effective August 1, 2017. Therefore, this will be the final Semi-Annual Title V Compliance Monitoring Report and Compliance Certification Statement for the facility.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions regarding the content of this report, please contact Mr. Tom Bertolini at (925) 427-3503.

Sincerely,



Lawrence Penn
Plant Manager
Pittsburg Generating Station

Attachments

COMPLIANCE CERTIFICATION


Based on information and belief formed after reasonable inquiry, the statements and information in the attached Compliance Monitoring Report are true, accurate, and complete.

Certification Period: March 1, 2017 – August 1, 2017

Facility: Facility #A0012
NRG Delta LLC
Pittsburg Generating Station
696 West 10th Street
Pittsburg, CA 94565

Name of Responsible Official: Lawrence Penn

Signature:



Date:

9/14/2017

Pittsburg Generating Station, Facility No. A0012
Semi-Annual Title V Compliance Monitoring Report
Summary of Instances of Non-Compliance
March 1, 2017 - August 1, 2017

Deviation Item No.	Permitted Source	Requirement or Limit	Deviation Period				No. of Dev	Cause of Deviation	Corrective Action Taken
			Start		End				
			Date	Time	Date	Time			

No deviations occurred for the reporting period.

Table VII-A
Applicable Limits & Compliance Monitoring Requirements
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation
March 1, 2017 - August 1, 2017

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
Opacity	BAAQMD Regulation 6 6-1-301	Y		Ringelmann No. 1 during any 3 min/hr	None	N	N/A	X	
	SIP Regulation 6-301	Y		> Ringelmann No. 1 for no more than 3 min/hr	None	N	N/A	X	
	BAAQMD Regulation 6 6-1-304	Y		Ringelmann No. 2 during tube cleaning	None	N	N/A	X	
	SIP Regulation 6-304	Y		> Ringelmann No. 2 during tube cleaning for no more than 3 min/hr	None	N	N/A	X	
Opacity	40 CFR 75	Y		None	40 CFR 75.14(c)	N		X	
FP	BAAQMD Regulation 6-1-310.3	Y		0.15 grains/dscf @ 6% O ₂	None	N	N/A	X	
FP	SIP Regulation 6-310.3	Y		0.15 grains/dscf @ 6% O ₂	None	N	N/A	X	
SO ₂	BAAQMD Regulation 9-1-301	Y		Ground Level Concentration of 0.5 ppm for 3 minutes or 0.25 ppm for 60 minutes or 0.05 ppm for 24 hours	None	N	N/A	X	
SO ₂	BAAQMD Regulation 9-1-302	Y		300 ppmvd	None	N	N/A	X	
SO ₂	40 CFR 75	Y		None	40 CFR 75	P/Q	calculations	X	
NO _x	BAAQMD Regulation 9-3-301	N		175 ppmv @ 3% O ₂ (dry basis) for natural gas firing	BAAQMD Regulation 1-520.1 9-11-501, 503	C	CEMS	X	

Table VII-A
Applicable Limits & Compliance Monitoring Requirements
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation
March 1, 2017 - August 1, 2017

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
NOx	BAAQMD Regulation 9-11-302.1.1	Y		175 ppmv @ 3% O ₂ (dry basis) for natural gas firing based on a clock hour average	BAAQMD Regulation 1-520.1 9-11-501, 503	C	CEMS	X	
NOx	BAAQMD Regulation 9-11-308	Y		0.28 lbs/MMBTU system-wide average over previous 30 days	BAAQMD Regulation 1-520.1 9-11-501, 503	C	CEMS	X	
NOx	BAAQMD Regulation 9-11-309.1	N		0.018 lbs/MMBTU system-wide average on a clock hour average	BAAQMD Regulation 1-520.1 9-11-501, 503	C	CEMS	X	
NOx	40 CFR 75	Y		None	40 CFR 75	C	CEMS	X	
CO	BAAQMD Regulation 9-11-310.1	Y		400 ppmv @ 3% O ₂ (dry basis) during steady state compliance tests	BAAQMD Regulation 9-11-501, 503	C	CEMS	X	
CO	BAAQMD Regulation 9-11-310.2	Y		1000 ppmv @ 3% O ₂ (dry basis) during normal operation on a clock hour average	BAAQMD Regulation 9-11-501, 503	C	CEMS	X	
Ammonia	BAAQMD Regulation 9-11-311	Y		10 ppmv @ 3% O ₂ (dry basis) based on rolling 60 minute average upon SCR	BAAQMD Regulation 9-11-402	P/Q	Quarterly tests	X	

Table VII-B
Applicable Limits & Compliance Monitoring Requirements
S-36 EMERGENCY DIESEL GENERATOR
S-49, S-51 AND S-53 DIESEL FIRE PUMPS
March 1, 2017 - August 1, 2017

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
FP	BAAQMD Regulation 6-1-303.1	N		Ringelmann No. 2.0 for no more than 3 min/hr	BAAQMD Regulation 6-1-401	P/W	Visible Inspection during reliability testing	X	
FP	SIP Regulation 6-303.1	Y		> Ringelmann No. 2 for no more than 3 min/hr	BAAQMD Regulation 6-1-401	P/W	Visible Inspection during reliability testing	X	
FP	BAAQMD Regulation 6-1-310.1	N		0.15 gr/dscf	None	N	None	X	
FP	SIP Regulation 6-310.1	Y		0.15 gr/dscf	None	N	N/A	X	
SO ₂	BAAQMD Regulation 9-1-301	Y		Property Line Ground Level Limits: < 0.5 ppm for 3 minutes and < 0.25 ppm for 60 min. and < 0.05 ppm for 24 hours	None	N	None	X	
SO ₂	BAAQMD Regulation 9-1-304	Y		Fuel Sulfur Limit 0.5%	None	P/M	None	X	
Operating Time	BAAQMD Regulation 9-8-330.2 Condition #22820, Part 1	N	Until 1/1/2012	20 hours per year	BAAQMD Condition # 22820, Part 4	P/D	Records	X	
Operating Time	BAAQMD Regulation 9-8-330.2 Condition #22834	N	Until 1/1/2012	34 hours per year	BAAQMD Condition # 22834 Part 4	P/D	Records	X	
Operating Time	BAAQMD Regulation 9-8-330.3	N	Effective 1/1/2012	20 hours per year	BAAQMD Regulation 9-8-502, 530	P/D	Records	X	
Operating Time	BAAQMD Regulation 9-8-330.3	N	Effective 1/1/2012	34 hours per year	BAAQMD Regulation 9-8-502, 530	P/D	Records	X	

Table VII-C
Applicable Limits & Compliance Monitoring Requirements
S-58, Service Station
March 1, 2017 - August 1, 2017

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
VOC	BAAQMD Regulation 8-7-301.10	Y		Installed & modified only if the system is 98% controlled or highest vapor recovery rate specified by CARB		Event	CARB Re-Certification	X	
VOC	BAAQMD Regulation 8-7-301.6	Y		Leak Free & Vapor Tight on Phase I equipment	BAAQMD Regulation 8-7-301.13	P/A	Source Test	X	
VOC	BAAQMD Regulation 8-7-302.8	Y		Minimum liquid removal rate of 5 ml/gal		N		X	
VOC	BAAQMD Regulation 8-7-302.10	Y		Connector between riser and dispenser < 1 inch diameter		N	Visual Check	X	
VOC	BAAQMD Regulation 8-7-302.12	Y		Liquid retain in nozzle < 100 ml/1000gal		N		X	
VOC	BAAQMD Regulation 8-7-302.13	Y		Spitting from nozzle < 1 ml/nozzle		N		X	
VOC	BAAQMD Regulation 8-7-302.14.2	Y		Dynamic back pressure < 0.15, 0.45, 0.95" water when measure nitrogen flow rate of 20, 60 and 100 CFH	BAAQMD Regulation 8-7-302.14	P/A	Source Test	X	
Fuel Throughput	BAAQMD Permit Condition #6583	N		1.7 million gallons in any 12 consecutive months	BAAQMD Regulation 8-7-503	P/M	Records	X	

Table VII-D
Applicable Limits & Compliance Monitoring Requirements
S-62, Oil-Water Separator
S-63, Dissolved Air Flotation Unit (DAF)
March 1, 2017 – August 1, 2017

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
VOC	BAAQMD Regulation 8-8-112	Y		1.0 ppm critical organic compounds	BAAQMD Regulation 8-8-502	P/ Semi-annual	Sampling	X	
VOC	SIP Regulation 8-8-112	Y		1.0 ppm critical organic compounds	SIP Regulation 8-8-502	P/ Semi-annual	Sampling	X	
Wastewater Throughput	BAAQMD Permit Condition #10431, #Part 1	N		50 million gallons in any 12 consecutive months	BAAQMD Permit Condition #10431, Part #3	C	Flow Meter	X	
Stormwater Throughput	BAAQMD Permit Condition #10431, Part #2	N		90.72 million gallons in any 12 consecutive months	BAAQMD Permit Condition #10431, Part #3	C	Flow Meter	X	

Table VII-E
Applicable Limits & Compliance Monitoring Requirements
S-70, Paint Spray Operation - Maintenance
March 1, 2017 - August 1, 2017

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
VOC	BAAQMD Regulation 8-3-301	N		VOC Contain Limits Table 1	BAAQMD Regulation 8-3-401.3	P/E	Labeling	X	
VOC	BAAQMD Regulation 8-3-301	N	1/1/2011	VOC Contain Limits Table 2	BAAQMD Regulation 8-3-401.3	P/E	Labeling	X	
VOC	SIP Regulation 8-3-301	Y		content of coating less than 250 grams per liter	SIP Regulation 8-3-401.3	P/E	Labeling	X	
VOC	BAAQMD Regulation 8-3-302.14	N		content of coating less than 250 grams per liter	BAAQMD Regulation 8-3-401.3	P/E	Labeling	X	
VOC	BAAQMD Regulation 8-3-302.2	N	1/1/2011	content of coatings < specified VOC content	BAAQMD Regulation 8-3-401.3	P/E	Labeling	X	
VOC	SIP Regulation 8-3-302	Y		content of coatings < specified VOC content	SIP Regulation 8-3-401.3	P/E	Labeling	X	
VOC	BAAQMD Regulation 8-3-304	Y		content of coatings < specified VOC content	Regulation 8-3-403	P/E	Labeling	X	
VOC	BAAQMD Regulation 8-19-302	Y		content of air dried coating < 2.8 lb/gal	BAAQMD Regulation 8-19-501	P/E	Records	X	
VOC	BAAQMD Regulation 8-19-312	Y		content of coatings < specified VOC content	BAAQMD Regulation 8-19-501	P/E	Records	X	
Coating usage	BAAQMD Permit Condition #8425, Part #1	Y		6500 gallons in any 12 consecutive months	BAAQMD Permit Condition #8425, Part #3	P/E	Records	X	
Cleanup Solvent usage	BAAQMD Permit Condition #8425, Part #2	Y		500 gallons in any 12 consecutive months	BAAQMD Permit Condition #8425, Part #3	P/E	Records	X	

Table VII-F
Applicable Limits & Compliance Monitoring Requirements
S-71, Solvent Wipe Cleaning Operation
March 1, 2017 - August 1, 2017

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
VOC		N			BAAQMD 8-16-501	P/M	Records	X	
		Y			SIP 8-16-501	P/M	Records	X	
VOC	SIP 8-16-304	Y		Trichloroethylene usage \leq 3.2 gallons per day	8-16-501	P/E	Records	X	
Solvent Usage	BAAQMD Permit Condition #8427 part #1	Y		150 gallons in any 12 consecutive months	BAAQMD Permit Condition 8427 part 3	P/E	Records	X	

Table VII-G
Applicable Limits & Compliance Monitoring Requirements
S-72, Sand Blasting Facility
March 1, 2017 –August 1, 2017

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
Opacity	BAAQMD Regulation 6-1-301 And BAAQMD Permit Condition 13445 part 5	Y		Ringelmann 1 for 3 minutes/hr	BAAQMD Condition 13345, Part 3	C	Differential Pressure Failure Warning System	X	
Opacity	SIP Regulation 6-301 And	Y		Ringelmann 1 for 3 minutes/hr		C	Differential Pressure Failure Warning System	X	
FP	BAAQMD Regulation 6-1-310	Y		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 13345, Part 3	C	Differential Pressure Failure Warning System	X	
FP	SIP Regulation 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume		C	Differential Pressure Failure Warning System	X	
Abrasive Usage (Annual)	BAAQMD Permit Condition 13445 part 1	Y		384 tons in any 12 consecutive months	BAAQMD Permit Condition 13445 part 4	P/E	Records	X	
Abrasive Usage (Daily)	BAAQMD Permit Condition 13445 part 2	Y		16 ton/day	BAAQMD Permit Condition 13445 part 4	P/E	Records	X	

Table VII - H
Applicable Limits & Compliance Monitoring Requirements
S-73 AND S-74, COOLING TOWERS
March 1, 2017 - August 1, 2017

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
Opacity	BAAQMD Regulation 6-1-301	Y		< Ringelmann 1 for more than 3 min/hr		N	None	X	
Opacity	SIP Regulation 6-301	Y		> Ringelmann No. 1 for no more than 3 min/hr	None	N	N/A	X	
Particulate Weight	BAAQMD Regulation 6-1-310	Y		0.15 grains per dscf		N	None	X	
Particulate Weight	SIP Regulation 6-310	Y		0.15 grains per dscf		N	None	X	